Author Index for Volume 6

Arnoux, A., 115

Benkert, K. A., 247
Berman, T., 160
Bildstein, K. L., 85
Birch, J. B., 88
Bishop, J. M., 426
Boggs, J. A., 167
Bohlen, W. F., 436
Broome, S. W., 212
Bruno, S. F., 200
Brzezinski, M. A., 172
Burbanck, W. D., 251
Burger, J., 50

Capaldo, P. S., 176
Capuzzo, J. M., 431
Carter, J. H. C., 142
Christian, R. R., 43
Cloern, J. E., 399
Cooley, J. L., 88
Courtney, D., 246
Currence, L. E., 36

Dadswell, M. J., 142
Day, J. W., Jr., 10
Di Cosimo, J., 95

Feller, R. J., 83
Flint, R. W., 126
Frere, P. E., 36
Fucik, K. W., 102

Greening, H. S., 76

Hall, K. J., 227
Hansen, J. A., 43
Hepner, D. J., 36
Hodson, R. E., 43
Holt, J., 66
Holton, R. L., 172
Hoskin, C. M., 246

Jaeger, G. B., Jr., 190

Kennedy, V. S., 95
Kerby, J. H., 420
Kistritz, R. U., 227

Levin, L. A., 364
Livingston, R. J., 76, 407
Lobel, P. B., 154
Lucas, J. R., 247

McAlice, B. J., 190
Miller, D. C., 237
Mook, D., 372
Morson, B., 102

Najarian, T. O., 356

Odum, E. P., 88
Olney, J. E., 20
Oremland, R. S., 399
Otto, R. G., 167

Pearson, W. H., 380
Pechenik, J. A., 237

Reidenbaugh, T. G., 57
Roberts, J. L., 84
Ryan, J. D., 76

Sandifer, P. A., 420
Seneca, E. D., 212
Sharma, G. M., 200
Shenker, J. M., 36
Sheridan, P. F., 407
Shisler, J., 50
Smith, N. P., 2, 180
Staker, R. D., 200
Stancyk, S. E., 83
Stoner, A. W., 76
Stora, G., 115
Strawn, K., 66
Sugarman, P. C., 380

Taylor, R. E., 431
Thatcher, M. L., 356
Thiriot-Quievreux, C., 387
Turner, J. T., 200
Turner, R. E., 437

Wakefield, W. W., 36
Wiebe, W. J., 43
Wolf, E. G., 102
Woodhouse, W. W., Jr., 212
Woodruff, D. L., 380
Wright, D. A., 154

Yesaki, I., 227
Younk, J. A., 126

Zedler, J. B., 346

Author Index for Volume 6

Arnoux, A., 115

Benkert, K. A., 247
Berman, T., 160
Bildstein, K. L., 85
Birch, J. B., 88
Bishop, J. M., 426
Boggs, J. A., 167
Bohlen, W. F., 436
Broome, S. W., 212
Bruno, S. F., 200
Brzezinski, M. A., 172
Burbanck, W. D., 251
Burger, J., 50

Capaldo, P. S., 176
Capuzzo, J. M., 431
Carter, J. H. C., 142
Christian, R. R., 43
Cloern, J. E., 399
Cooley, J. L., 88
Courtney, D., 246
Currence, L. E., 36

Dadswell, M. J., 142
Day, J. W., Jr., 10
Di Cosimo, J., 95

Feller, R. J., 83
Flint, R. W., 126
Frere, P. E., 36
Fucik, K. W., 102

Greening, H. S., 76

Hall, K. J., 227
Hansen, J. A., 43
Hepner, D. J., 36
Hodson, R. E., 43
Holt, J., 66
Holton, R. L., 172
Hoskin, C. M., 246

Jaeger, G. B., Jr., 190

Kennedy, V. S., 95
Kerby, J. H., 420
Kistritz, R. U., 227

Levin, L. A., 364
Livingston, R. J., 76, 407
Lobel, P. B., 154
Lucas, J. R., 247

McAlice, B. J., 190
Miller, D. C., 237
Mook, D., 372
Morson, B., 102

Najarian, T. O., 356

Odum, E. P., 88
Olney, J. E., 20
Oremland, R. S., 399
Otto, R. G., 167

Pearson, W. H., 380
Pechenik, J. A., 237

Reidenbaugh, T. G., 57
Roberts, J. L., 84
Ryan, J. D., 76

Sandifer, P. A., 420
Seneca, E. D., 212
Sharma, G. M., 200
Shenker, J. M., 36
Sheridan, P. F., 407
Shisler, J., 50
Smith, N. P., 2, 180
Staker, R. D., 200
Stancyk, S. E., 83
Stoner, A. W., 76
Stora, G., 115
Strawn, K., 66
Sugarman, P. C., 380

Taylor, R. E., 431
Thatcher, M. L., 356
Thiriot-Quievreux, C., 387
Turner, J. T., 200
Turner, R. E., 437

Wakefield, W. W., 36
Wiebe, W. J., 43
Wolf, E. G., 102
Woodhouse, W. W., Jr., 212
Woodruff, D. L., 380
Wright, D. A., 154

Yesaki, I., 227
Younk, J. A., 126

Zedler, J. B., 346

Estuaries Vol. 6, No. 4, p. 441–443 December 1983

Subject Index for Volume 6

Abra aequalis, 126
Abra ovata, 115
Acartia tonsa, 142
Acetes americanus, 66
Adenosine triphosphate assay, 43
Aedicira belgicae, 126
Aegathoa, 420
Aglaophamus verrilli, 126
Alaska, 102
Aligena texasiana, 126
Ampelisca abdita, 126
Ampelisca vadorum, 407
Ampelisca verrilli, 126
Amphipoda, 76, 172
Anadara transversa, 126
Anaerobic community metabolism, 43
Anaitides erythrophyllus, 126
Anchoa mitchilli, 20, 66
Ancistrosyllis papillosa, 126
Apalachicola Bay, Florida, 407
Apoprionospio pygmaea, 126
Archosargus probatocephalus, 66
Argopecten irradians irradians, 431
Argulus flavescens, 66
Argulus stizostethii, 66
Aricidea cf. *fragilis*, 126
Aricidea fragilis, 407
Aricidea jeffreysii, 126
Aricidea taylori, 126
Aricidea wassi, 126
Armandia agilis, 126
Augustine Creek, Georgia, 88

Bairdiella chrysoura, 407
Balanoglossus sp., 126
Balanus eburneus, 95, 126, 243
Balanus improvisus, 95
Balanus subalbidus, 95
Barnacles, 95, 243
Barnegat Bay, New Jersey, 50
Barrington, Rhode Island, 176
Bay anchovy, 20
Bay-ocean water exchange, 367
Bay scallop, 431
Beaufort, North Carolina, 387
Behavior, 380
Behavioral patterns, 247
Belowground production, 88
Benthic communities, 115, 126
Benthos, 76, 115, 126
Biodeposition, 243
Bivalvia, 172
Bowmaniella brasiliensis, 66
Brachidontes marioni, 115
Brachyuran megalops, 66
Brachyuran zoea, 66
Branchiostoma caribaeum, 126
Brania clavata, 126
Brevoortia, 247
Brevoortia patronus, 66

Caecum glabrum, 126
Callinectes sapidus, 407
Callinectes similis, 66
Cancer magister, 380
Cape Cod, Massachusetts, 431
Carbon dioxide diffusion, 10
Carbon dynamics, 10
Cardium glaucum, 115
Carex lyngbyei, 227
Cassidinidea sp., 66
Ceratoneries irritabilis, 126
Cerebratulus lacteus, 126
Chesapeake Bay, 20, 95, 167, 356
China Poot Marsh, Alaska, 102
Chlorophyll *a*, 200, 399
Circulation changes, 190
Cirripedia:Balanidae, 95
Citharichthys spilopterus, 66
Cladocera, 66
Cleaning behavior, 247
Clibonarius vittatus glaucothoe, 66
Clymenella sp., 126
Clymenella torquata calida, 126
Coastal waters, 160
Columbia River Estuary, 172
Community structure, 66, 126
Corophium louisianum, 126
Corpus Christi Bay, Texas, 126
Cossura delta, 126
Cyclaspis varians, 126
Cyno cion arenarius, 66
Cynoscion regalis, 20

Decomposition, 399
Dentalium texasianum, 126
Detritus flux, 227
Detonula confervacea, 200
Diamondback terrapin, 426
Diastylis sculpta, 126
Diopatra cuprea, 126
Diplosoma macdonaldi, 372
Diptera larvae, 172
Distribution, 142
Disturbance, 372
Diurnal cycle, 2
Dorosoma petenense, 66
Drift tube studies, 367
Drilonereis magna, 126
Dungeness crab, 380

Echiuroidean, 126
Edotea triloba, 66
Elops saurus, 66
Ensis minor, 407
Ephemeroptera, 66
Epifauna, 407
Epitonium, 387
Erato maugeriae, 387
Erythrops erythrophthalma, 142
Estuarine hydrodynamics, 356
Estuarine nursery grounds, 36
Eteone heterpodoa, 126
Eumida sanguinea, 126
Eunoe cf. *nodulosa*, 126
Eurytemora affinis, 142
Eutrophication, 10
Exogone dispar, 126

Fecal pellets, 243
Field mortalities, 167
Fish, 102, 407
Fish larvae, 167
Flow patterns, 180
Foraging, 247
Fouling community, 243, 372
Fraser River Estuary, British Columbia, 227
Freshwater discharge, 346
Freshwater diversions, 115
Fuel oil, 237

Galveston Bay, Texas, 66
Gambusia affinis, 66
Gasterosteus aculeatus, 102
Giant cutgrass, 88
Glycera spp., 126
Glycinde solitaria, 126
Gobiesox strumosus, 66
Gobiosoma bosci, 36, 66
Gobiosoma ginsburgi, 20
Gonadal development, 431
Gravitational circulation, 190
Gyptis vittata, 126

Halodule wrightii, 76, 407
Haminoea succinea, 126
Haploscoloplos foliosus, 126
Haploscoloplos fragilis, 407
Hargeria rapax, 126
Heteromastus filiformis, 407
Hydrobia cf. *ulvae*, 115
Hydrocarbons, 237
Hypersaline soils, 346
Hypoblennius hentzi, 66
Hyporhamphus unifasciatus, 66
Hypsoblennius hentzi, 20

Ichthyoplankton, 20, 167
Ilyanassa obsoleta, 237
Impounded marshes, 88
Indian River, Florida, 372
Indian River Lagoon, Florida, 2, 180, 243
Indicator bacteria, 399
Infauna, 407

In situ instrumentation, 2
In situ measurements, 227
Intracoastal waterway, 180
Isolda pulchella, 126

Juvenile fish, 102

Lacuna, 387
Lagodon rhomboides, 66, 247, 407
Larval dispersal, 367
Larval fish, densities, 36
Larval fish, distribution patterns, 36
Larval fish, upriver migration, 36
Larval survival, 237
Leatherjacks, 247
Leiostomus xanthurus, 66
Leptochelia rapax, 407
Leptocottus armatus, 102
Leptosynapta sp., 126
Lironeca ovalis, 420
Listriella barnardi, 126
Listriella clymenellae, 126
Litocorsa stremma, 126
Low frequency displacement, 180
Lucifer faxoni, 66
Lucina multilineata, 126
Lumbrineris parvapedata, 126
Lyonsia hyalina floridana, 126

Macoma tenta, 126
Macrobrachium ohione, 66
Macrofauna, 76
Macroinvertebrates, 172
Macrozooplankton, 66
Magelona pettiboneae, 126
Magelona phyllisae, 126
Malaclemys terrapin, 426
Mangelia, 387
Marshes, 102
Marsh fertilization, 212
Marsh productivity, 57
Marsh vegetation, 346
Mathematical models, 356
Mediomastus californiensis, 126
Mediterranean lagoon, 115
Megalomma bioculatum, 126
Melampus bidentatus, 176
Melinna maculata, 126
Membras martinica, 66, 247
Menhaden, 247
Minidia beryllina, 66
Menidia peninsulae, 247
Meroplankton, 387
Metals, 115
Methanogenesis, 43
Microbial adenosine triphosphate, 43
Microplankton, 160
Micropogonias undulatus, 66
Minuspio cirrifera, 126
Mission Bay, San Diego, 367
Monodus guttula, 10
Morehead City, North Carolina, 10
Morone saxatilis, 167
Mount St. Helens, 172
Mud snails, 237
Mugil cephalus, 66
Mulinia lateralis, 126
Mussel, 154
Myrophis punctatus, 66
Mysella planulata, 126
Mysidopsis bahia, 66
Mysidopsis bigelowi, 66
Mytilus edulis, 154
Mytilus galloprovincialis, 115

Naked goby, 36
Nanoplankton, 200
Natica, 387
Neanthes succinea, 126
Nephtys sp., 126
Nereid sp., 126
Nereis pelagica, 126
Neritina reclivata, 407
Network model, 356
Neuse River, North Carolina, 212
New Brunswick, Canada, 142
Nitrification, 399
Notomastus hemipodus, 126
Nuculana acuta, 126
Nutrient cycling, 227

Ocypodidae zoea, 66
Ogyrides limicola zoea, 66, 126
Oithona similis, 142
Oligochaetes, 172, 407
Olivella adelae, 387
Oncorhynchus kisutch, 102
Onuphis eremita oculata, 126
Ophiuroidea, 126
Organic carbon, 10
Orthophosphate, 160
Orthopristis chrysoptera, 407
Owenia fusiformis, 126
Oysters, 95
Oyster shell community, 36

Palaemonetes pugio, 66
Palaemonetes sp. zoea, 66
Paleanotus heteroseta, 126
Paralichthys albigutta, 66
Paralichthys dentatus, 20
Paraonides lyra, 126
Paraonis gracilis, 126
Paraonis sp., 126
Paraprionospio pinnata, 126
Parasite of striped bass, 420
Parasitic isopod, 420
Parathemisto abyssorum, 142
Particle feeding, 237
Particulate organic carbon, 399
Patuxent River, Maryland, 36
Peconic Bay, Long Island, 200
Penaeus aztecus, 66
Penaeus setiferus, 66
Pensacola Bay, Florida, 76
Periphora virdis, 372
Periploma margaritaceum, 126
Perturbed marsh, 50
Petricola pholadiformes, 126
Petrolisthes armatus megalops, 66
Petrolisthes armatus zoea, 66
Phascolion sp., 126
Phoronis architecta, 126
Phosphorus uptake, 160
Physical oceanography, 180
Phytoplankton productivity, 10
Phytoplankton size fraction, 200
Pinfish, 247
Pinixa sayana, 126
Pinnotheres sp., 126
Pista palmata, 126
Plankton, 20
Planktonic crustacea, 142
Plant growth, 212
Plant nutrients, 212, 227, 399
Platyhelminthes, 126
Podarke obscura, 126
Polinices duplicatus, 126
Pollutants, 115
Pollution, 154, 237
Polychaeta, 76, 172
Polydora socialis, 126
Polydora sp. A, 126
Pomatoleios kraussi, 126
Potter Marsh, Alaska, 102
Predation, 372
Primary production, 200, 227
Productivity, 50, 57, 88, 200, 227
Prosobranch larvae, 387
Pseudeurythoe sp., 126
Pseudocalanus minutus, 142
Pseudopolydora paucibranchiata, 367

Reproduction, 142
River flow, 431

Saint John River, 142
Salicornia virginica, 346
Salinity detection, 380
Salinity fluctuations, 380
Salinity intrusion modeling, 356
Salinity stratification, 190
Salmonids, 102
Salt marsh, 43, 57, 346
Salvelorhus mahma, 102
Sampling methods, 76
San Francisco Bay, 399
Sapelo Island, Georgia, 160
Schistomeringos rudolphi, 126
Scolelepis texana, 126
Scoloplos rubra, 126
Seagrass, 76
Sewage spill, 399
Sewage wastes, 10
Sheepscot River Estuary, Maine, 190
Shoreline stabilization, 212
Sigambra bassi, 126
Sigambra tentaculata, 126
Silversides, 247
Simnia acicularis, 387
Skeletonema costatum, 200
Snail, 176
Soil txture, 43
Spartina alterniflora, 43, 50, 212
Spartina alterniflora productivity, 57

Spartina foliosa, 346
Spartina patens, 50
Spawning, 431
Spiochaetopterus costarum, 126
Spiophanes bombyx, 126
Spirobis sp., 372
Staghorn sculpin, 102
Stomach content analysis, 247
Streblospio benedicti, 126
Striped bass, 167
Strombus alatus, 387
Styela plicata, 372
Succession, 50
Suction sampling, 76
Sulfate reduction, 43
Sumphurus plagiusa, 20
Suspended sediments, 243

Tanaidacean, 126
Tagelus plebeius, 407
Tellina alternata, 126
Tellina texana, 126
Thalassia testudinum, 76
Thalassiosira nordenskioldii, 200
Tharyx setigera, 126
Tharyx sp., 126
Threespine stickleback, 102
Tidal displacement, 180
Tidal flows, 190
Tidal marshes, 88
Trinectes maculatus, 20
Trinity Bay, Texas, 66
Trophics, 102
Turridae, 387
Tyne Estuary, 154

Volcanic ash, 172

Wallops Island, Virginia, 57
Waste assimilation, 88
Water temperature variations, 2
Weakfish, 20
Wetlands, 346

Xenanthura brevitelson, 126

Zinc, 154
Zizaniopsis miliacea, 88
Zooplankters, 142